

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

TEXAS, North

(TX-Z100) YOUNG, (TX-Z102) WISE, (TX-Z119) DALLAS, (TX-Z120) ROCKWALL, (TX-Z133) JOHNSON, (TX-Z159) MCLENNAN

07/01/11 00:00 CST	14	0	Heat
07/31/11 23:59 CST	223	0	

Direct Fatalities: F4VE, F55VE, F56OU, F75PH, F76PH, F79PH, F82PH, M38OU, M54PH, M61PH, M65OU, M67PH, M81PH, M91PH

Triple digit daytime temperatures and warm overnight lows gripped nearly all of north Texas for the entire month of July. A few records for daily high temperatures were set or tied, but several records for highest minimum temperatures were set. Dallas/Fort Worth set a new all-time record highest minimum temperature of 86 degrees on the 26th. The prolonged heat took its toll on North Texans and there were 15 heat related deaths; most of them occurring in Dallas County. There were many more heat related illnesses. A Heat Advisory was in effect from the 11th through the 18th, and then again from the 23rd through the end of the month. The triple digit heat this month began a streak that would challenge previous records for most consecutive 100 degree days and greatest annual 100 degree days.

(TX-Z091) MONTAGUE, (TX-Z100) YOUNG, (TX-Z101) JACK, (TX-Z115) STEPHENS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z121) KAUFMAN, (TX-Z122) VAN ZANDT, (TX-Z129) EASTLAND, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z134) ELLIS, (TX-Z135) HENDERSON, (TX-Z141) COMANCHE, (TX-Z142) MILLS, (TX-Z143) HAMILTON, (TX-Z144) BOSQUE, (TX-Z145) HILL, (TX-Z146) NAVARRO, (TX-Z147) FREESTONE, (TX-Z148) ANDERSON, (TX-Z156) LAMPASAS, (TX-Z157) CORYELL, (TX-Z158) BELL, (TX-Z159) MCLENNAN, (TX-Z160) FALLS, (TX-Z161) LIMESTONE, (TX-Z162) LEON, (TX-Z174) MILAM, (TX-Z175) ROBERTSON

07/01/11 00:00 CST	0	Drought
07/31/11 23:59 CST	0.95M	

July was another abnormally dry month with no local observation sites receiving more than an inch of rain. Drought conditions worsened across the Fort Worth County Warning Area (CWA) and by the end of the month all but 6 of the 46 counties were classified in severe drought (D2) or worse according to the US Drought Monitor. Half of the 46 counties, mainly located in the western and southern areas of the CWA, were classified in exceptional drought (D4). At the end of the month, burn bans were in effect for all but one county. Most of the area lakes continued to suffer and water levels continued to drop well below conservation levels, with some lakes more than 10 feet below normal values. The low lake levels caused many cities to implement water restrictions on residents. The agriculture community also continued to experience detrimental conditions. Hay production was nearly halted with most farmers only producing a small fraction of what is produced in a normal season. Hay prices were up to \$90 a bale, which is almost double the normal price. Many cattle farmers had to sell their cows early because of the scarcity of grasses and hay. Corn farmers also witnessed poor corn production and had to try to grow other crops to salvage their growing season. The drought has also caused trees to suffer, with many trees dying or toppling due to weakened roots from little rainfall.

VAN ZANDT COUNTY --- GRAND SALINE [32.67, -95.72]

07/01/11 18:53 CST	0	Hail (1.00 in)
07/01/11 18:53 CST	0	Source: Public

A few hail stones up to the size of quarters fell in Grand Saline.

VAN ZANDT COUNTY --- 1.2 SE GRAND SALINE [32.66, -95.70]

07/01/11 18:55 CST	20K	Thunderstorm Wind (EG 50 kt)
07/01/11 18:55 CST	0	Source: Fire Department/Rescue

Metal roofs were torn off buildings at the Morton Salt Mine located southeast of town. Some minor roof damage was also reported in Grand Saline.

Summertime isolated afternoon and evening thunderstorms developed under the influence of an upper level ridge as convective temperatures in the upper 90s were reached. One storm in Van Zandt County produced quarter sized hail stones and wind damage around Grand Saline.

ANDERSON COUNTY --- 2.6 SSW BRUSHY CREEK [31.91, -95.68]

07/02/11 15:15 CST	0	Thunderstorm Wind (EG 56 kt)
07/02/11 15:15 CST	0	Source: Law Enforcement

Fourteen inch diameter trees were knocked down 2 miles north of Concord Church along County Road 404.

ANDERSON COUNTY --- 1.8 W TENNESSEE COLONY [31.83, -95.88]

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/11 15:39 CST		8K	Thunderstorm Wind (EG 56 kt)
	07/02/11 15:39 CST		0	Source: Trained Spotter

The roof was blown off a manufactured home west of Tennessee Colony.

FANNIN COUNTY --- HONEY GROVE [33.58, -95.92]

07/02/11 15:40 CST	12K	Thunderstorm Wind (EG 56 kt)
07/02/11 15:40 CST	0	Source: Emergency Manager

Trees up to 12 inches in diameter were knocked down in Honey Grove. Two of these trees fell on homes. Power lines were also knocked down.

COLLIN COUNTY --- 2.9 NE FARMERSVILLE [33.20, -96.33]

07/02/11 17:00 CST	10K	Thunderstorm Wind (EG 56 kt)
07/02/11 17:00 CST	0	Source: NWS Storm Survey

A microburst caused damage to two barns and a manufactured home at County Roads 2194 and 1025 north of Farmersville. The roofs of both barns were torn off and the metal covering of the roof of the manufactured home was peeled back. One of the barns had a tin metal roof and the tin was twisted around a pole. The other barn had a plywood roof with shingles. In addition, a power pole was leaning on the property.

Summertime isolated to scattered afternoon and evening thunderstorms developed under the influence of an upper level ridge as convective temperatures around 100 degrees were reached. One storm in Anderson County caused wind damage, another storm in Fannin County also caused wind damage, and a small microburst caused isolated wind damage in Collin County.

(TX-Z133) JOHNSON

07/03/11 14:00 CST	2K	Wildfire
07/05/11 18:00 CST	0	

The Fisherman's Paradise Fire began on July 3rd approximately 7 miles southwest of Rio Vista. This fire was contained on the 4th but briefly reignited on the 5th burning 5 more acres. This fire burned a total of 750 acres. Very hot and dry conditions this month resulted in elevated fire danger.

ANDERSON COUNTY --- MONTALBA [31.88, -95.70]

07/03/11 17:05 CST	0	Thunderstorm Wind (EG 60 kt)
07/03/11 17:05 CST	0	Source: Law Enforcement

Trees were knocked down in the Montalba area.

Summertime isolated afternoon and evening thunderstorms developed under the influence of an upper level ridge as convective temperatures around 100 degrees were reached. One storm in Anderson County caused wind damage around Montalba.

(TX-Z116) PALO PINTO

07/04/11 14:20 CST	32K	Wildfire
07/15/11 06:49 CST	0	

The 337 Fire began on July 4th approximately 5 miles northwest of Mineral Wells. This fire was contained on July 15th and burned a total of 932 acres. A camper, a deer camp, and some outbuildings were lost in the fire. On the 7th, a firefighter from Boise, ID died due to hyperthermia while working on the lines of the 337 Fire. On July 5th, a small grass fire in Mineral Wells burned a shed. Very hot and dry conditions this month resulted in elevated fire danger.

HOPKINS COUNTY --- 2.4 SSW NORTH SHIRLEY [33.24, -95.55]

07/04/11 17:15 CST	25K	Thunderstorm Wind (EG 61 kt)
07/04/11 17:15 CST	0	Source: Law Enforcement

Medium sized trees were knocked down along FM 3236 north-northeast of Sulphur Springs. Some sheds were also displaced several yards along the same road. One residential home on FM 3236 sustained damage. The damage was the result of a microburst from a dissipating, high-based thunderstorm.

Summertime isolated afternoon and evening thunderstorms developed under the influence of an upper level ridge as convective temperatures around 100 degrees were reached. One storm in Hopkins County caused wind damage.

ANDERSON COUNTY --- 0.7 S NECHES [31.86, -95.50]

07/05/11 17:27 CST	0	Hail (0.75 in)
07/05/11 17:27 CST	0	Source: Trained Spotter

Dime sized hail was reported on Highway 155 between Frankston and Palestine.

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANDERSON COUNTY --- PERT [31.92, -95.53]	07/05/11 17:27 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/05/11 17:27 CST		0	Source: Trained Spotter
Part of the roof of a manufactured home in Pert was removed. Another part of the roof was partially lifted off the home.				
ANDERSON COUNTY --- 10.0 N PALESTINE [31.89, -95.63]	07/05/11 17:40 CST		0	Thunderstorm Wind (EG 56 kt)
	07/05/11 17:40 CST		0	Source: Trained Spotter
Trees were blown down on FM 315 approximately 10 miles north of Palestine. One of the trees was 15 inches in diameter.				
ANDERSON COUNTY --- 8.0 WNW PALESTINE [31.79, -95.76]	07/05/11 17:59 CST		0	Hail (0.88 in)
	07/05/11 17:59 CST		0	Source: Trained Spotter
Nickel sized hail fell 8 miles west-northwest of Palestine.				
ANDERSON COUNTY --- 2.9 NNW HARMONY [31.79, -95.82]	07/05/11 18:20 CST		0	Thunderstorm Wind (EG 65 kt)
	07/05/11 18:20 CST		0	Source: Trained Spotter
Large pine trees were knocked down approximately 2-3 miles south of Tennessee Colony on FM 645. Some trees fell across FM 645.				
Summertime isolated afternoon and evening thunderstorms developed under the influence of an upper level ridge as convective temperatures around 100 degrees were reached. A few storms in Anderson County produced small hail and caused wind damage.				
KAUFMAN COUNTY --- 1.4 SSE TOLOSA [32.36, -96.22]	07/06/11 16:40 CST		4K	Thunderstorm Wind (EG 50 kt)
	07/06/11 16:40 CST		0	Source: Public
Strong downburst winds from a summertime thunderstorm knocked down a few power poles and caused minor roof damage to one home on County Road 4043 south of Kemp.				
NAVARRO COUNTY --- CHENEYBORO [31.95, -96.35]	07/06/11 19:00 CST		4K	Thunderstorm Wind (EG 52 kt)
	07/06/11 19:00 CST		0	Source: Public
Strong downburst winds from a summertime thunderstorm knocked down small trees and tree limbs in Cheneyboro. The storm also produced small hail around 0.50" in diameter, and the hail damaged the sides of homes and awnings.				
Summertime isolated afternoon and evening thunderstorms developed under the influence of an upper level ridge as convective temperatures around 100 degrees were reached. A storm in Kaufman County and Navarro County caused minor wind damage.				
(TX-Z102) WISE, (TX-Z107) HOPKINS	07/12/11 00:00 CST		10K	Drought
	07/31/11 23:59 CST		0	
July was another abnormally dry month with no local observation sites receiving more than an inch of rain. Drought conditions worsened across the Fort Worth County Warning Area (CWA) and by the end of the month all but 6 of the 46 counties were classified in severe drought (D2) or worse according to the US Drought Monitor. Half of the 46 counties, mainly located in the western and southern areas of the CWA, were classified in exceptional drought (D4). At the end of the month, burn bans were in effect for all but one county. Most of the area lakes continued to suffer and water levels continued to drop well below conservation levels, with some lakes more than 10 feet below normal values. The low lake levels caused many cities to implement water restrictions on residents. The agriculture community also continued to experience detrimental conditions. Hay production was nearly halted with most farmers only producing a small fraction of what is produced in a normal season. Hay prices were up to \$90 a bale, which is almost double the normal price. Many cattle farmers had to sell their cows early because of the scarcity of grasses and hay. Corn farmers also witnessed poor corn production and had to try to grow other crops to salvage their growing season. The drought has also caused trees to suffer, with many trees dying or toppling due to weakened roots from little rainfall.				
(TX-Z101) JACK				

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/12/11 13:00 CST		2K	Wildfire
	07/14/11 12:00 CST		0	

The Armstrong Fire began July 12th approximately 6 miles north of Bryson near FM 1191 and Berwick Road. The fire was controlled on July 14th and burned approximately 700 acres. Very hot and dry conditions this month resulted in elevated fire danger.

(TX-Z133) JOHNSON

07/13/11 17:00 CST	72K	Wildfire
07/15/11 19:00 CST	0	

The Gunn Road Fire was intentionally set on July 13th along FM 917 just southwest of Joshua. The fire burned 80 acres, was contained on the evening of the 13th, and controlled on the evening of the 15th. One vacant home and one other structure was lost in this fire. Very hot and dry conditions this month resulted in elevated fire danger.

(TX-Z175) ROBERTSON

07/16/11 14:00 CST	5K	Wildfire
07/16/11 20:00 CST	0	

A 5-acre grass fire in Robertson County destroyed 3 abandoned structures and damaged 1 other structure. Very hot and dry conditions this month resulted in elevated fire danger.

(TX-Z156) LAMPASAS

07/20/11 14:08 CST	5K	Wildfire
07/22/11 17:00 CST	0	

A 202-acre grass fire north of Adamsville burned 1 structure. Very hot and dry conditions this month resulted in elevated fire weather conditions.

(TX-Z092) COOKE, (TX-Z093) GRAYSON, (TX-Z094) FANNIN, (TX-Z095) LAMAR, (TX-Z106) DELTA, (TX-Z123) RAINS

07/26/11 00:00 CST	18K	Drought
07/31/11 23:59 CST	0	

July was another abnormally dry month with no local observation sites receiving more than an inch of rain. Drought conditions worsened across the Fort Worth County Warning Area (CWA) and by the end of the month all but 6 of the 46 counties were classified in severe drought (D2) or worse according to the US Drought Monitor. Half of the 46 counties, mainly located in the western and southern areas of the CWA, were classified in exceptional drought (D4). At the end of the month, burn bans were in effect for all but one county. Most of the area lakes continued to suffer and water levels continued to drop well below conservation levels, with some lakes more than 10 feet below normal values. The low lake levels caused many cities to implement water restrictions on residents. The agriculture community also continued to experience detrimental conditions. Hay production was nearly halted with most farmers only producing a small fraction of what is produced in a normal season. Hay prices were up to \$90 a bale, which is almost double the normal price. Many cattle farmers had to sell their cows early because of the scarcity of grasses and hay. Corn farmers also witnessed poor corn production and had to try to grow other crops to salvage their growing season. The drought has also caused trees to suffer, with many trees dying or toppling due to weakened roots from little rainfall.

(TX-Z129) EASTLAND

07/26/11 13:00 CST	50K	Wildfire
07/27/11 20:00 CST	0	

The Highway 6 Fire began July 26th approximately 2 miles north of Cisco. The fire burned approximately 50 acres, but 3 large outbuildings and a backhoe were lost in this fire. Another fire near Eastland on the 27th burned a tank battery.

(TX-Z115) STEPHENS

07/26/11 13:20 CST	0.25M	Wildfire
07/31/11 23:59 CST	0	

The CR 156 Fire began July 26th approximately 16 miles south of Breckenridge near Highway 183. The fire was first contained on July 28th after burning a total of 4321 acres. Two homes, two deer shelters, a vehicle, and an outbuilding were lost in the fire. On August 4th, this fire reignited and consumed another 614 acres for a final total of 4935 acres. The fire was finally completely controlled on August 14th. Very hot and dry conditions during both of these months resulted in elevated fire danger.

(TX-Z093) GRAYSON

07/28/11 13:00 CST	4K	Wildfire
07/28/11 15:15 CST	0	

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	----------------------	------------------------	------------------------

A wildfire burned approximately 500 acres in western Grayson County. One barn and one power pole was damaged. Very hot and dry conditions this month resulted in elevated fire danger.

(TX-Z118) TARRANT

07/28/11 16:00 CST		1M	Wildfire
07/28/11 20:00 CST	1	0	

A grass fire that started in the 11000 block of East Dawn Drive in far north Fort Worth, spread quickly and consumed 5 mobile homes. At least one shed and a car were also engulfed in the flames. Power poles also caught fire causing the power lines to fall. One firefighter suffered first degree burns on his hands and another was treated for heat exhaustion. Very hot and dry conditions this month resulted in elevated fire danger.